

CLAIMS ONLY							SERIAL NO.		FILING DATE	
							APPLICANT(S)			
CLAIMS										
	AS FILED		AFTER 1st AMENDMENT		AFTER 2nd AMENDMENT		*		*	
	IND.	DEP.	IND.	DEP.	IND.	DEP.	IND.	DEP.	IND.	DEP.
1	1						51		1	
2		1					52		2	
3	1						53		2	
4		2					54	1		
5		1					55		1	
6		2					56	1		
7		2					57		1	
8		2					58		2	
9		2					59	1		
10	1						60		1	
11		1					61			
12	1						62		1	
13		1					63		2	
14		2					64	1		
15		2					65		1	
16		2					66	1		
17		2					67		1	
18		2					68		2	
19	1						69	1		
20		1					70		1	
21	1						71	1		
22		1					72		1	
23		2					73		2	
24		2					74		2	
25		2					75			
26		2					76			
27		2					77			
28	1						78			
29		1					79			
30	1						80			
31		1					81			
32		2					82			
33		2					83			
34	1						84			
35		1					85			
36	1						86			
37		1					87			
38		2					88			
39	1						89			
40		1					90			
41	1						91			
42		1					92			
43		2					93			
44		2					94			
45		2					95			
46		1					96			
47		2					97			
48	1						98			
49		1					99			
50	1						100			
TOTAL IND.		↓		↓		↓	TOTAL IND.	22		↓
TOTAL DEP.		↓		↓		↓	TOTAL DEP.	81		↓
TOTAL CLAIMS							TOTAL CLAIMS	103		

* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

FORM PTO-2022 (1-98) *U.S. GPO: 1998-443-593/89152

CLAIMS ONLY							SERIAL NO.	FILING DATE
							APPLICANT(S)	
CLAIMS								
	AS FILED		AFTER 1st AMENDMENT		AFTER 2nd AMENDMENT			
	IND.	DEP.	IND.	DEP.	IND.	DEP.		
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								
49								
50								
TOTAL IND.								
TOTAL DEP.								
TOTAL CLAIMS								
51								
52								
53								
54								
55								
56								
57								
58								
59								
60								
61								
62								
63								
64								
65								
66								
67								
68								
69								
70								
71								
72								
73								
74								
75								
76								
77								
78								
79								
80								
81								
82								
83								
84								
85								
86								
87								
88								
89								
90								
91								
92								
93								
94								
95								
96								
97								
98								
99								
100								
TOTAL IND.								
TOTAL DEP.								
TOTAL CLAIMS								

* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

U.S.DEPARTMENT OF COMMERCE
Patent and Trademark Office